

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 16 through 28 of 28 returned.**☒ **16. Document ID: US 6093856 A**

L6: Entry 16 of 28

File: USPT

Jul 25, 2000

US-PAT-NO: 6093856

DOCUMENT-IDENTIFIER: US 6093856 A

TITLE: Polyoxyalkylene surfactants

DATE-ISSUED: July 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cripe; Thomas Anthony	Loveland	OH		
Connor; Daniel Stedman	Cincinnati	OH		
Vinson; Phillip Kyle	Fairfield	OH		
Burckett-St. Laurent; James Charles Theophile Roger	Cincinnati	OH		
Willman; Kenneth William	Fairfield	OH		

US-CL-CURRENT: 568/625; 568/622

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☒ **17. Document ID: US 6087309 A**

L6: Entry 17 of 28

File: USPT

Jul 11, 2000

US-PAT-NO: 6087309

DOCUMENT-IDENTIFIER: US 6087309 A

TITLE: Liquid cleaning compositions containing selected mid-chain branched surfactants

DATE-ISSUED: July 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinson; Phillip Kyle	Fairfield	OH		
Foley; Peter Robert	Cincinnati	OH		
Cripe; Thomas Anthony	Loveland	OH		
Connor; Daniel Stedman	Cincinnati	OH		

US-CL-CURRENT: 510/125; 510/357; 510/424; 510/428; 510/506; 560/76; 568/458; 568/882

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☒ 18. Document ID: US 6060443 A

L6: Entry 18 of 28

File: USPT

May 9, 2000

US-PAT-NO: 6060443

DOCUMENT-IDENTIFIER: US 6060443 A

TITLE: Mid-chain branched alkyl sulfate surfactants

DATE-ISSUED: May 9, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cripe; Thomas Anthony	Loveland	OH		
Connor; Daniel Stedman	Cincinnati	OH		
Vinson; Phillip Kyle	Fairfield	OH		
Burckett-St. Laurent; James Charles Theophile Roger	Cincinnati	OH		
Willman; Kenneth William	Fairfield	OH		
Dupont; Jeffrey Scott	Cincinnati	OH		

US-CL-CURRENT: 510/426; 510/424, 510/428, 560/76, 568/458, 568/882

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Drawn Desc	Image									

☐ 19. Document ID: US 6046152 A

L6: Entry 19 of 28

File: USPT

Apr 4, 2000

US-PAT-NO: 6046152

DOCUMENT-IDENTIFIER: US 6046152 A

TITLE: Liquid cleaning compositions containing selected mid-chain branched surfactants

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinson; Phillip Kyle	Fairfield	OH		
Foley; Peter Robert	Cincinnati	OH		
Cripe; Thomas Anthony	Loveland	OH		
Connor; Daniel Stedman	Cincinnati	OH		

US-CL-CURRENT: 510/428; 510/119, 510/122, 510/125, 510/426, 510/427, 510/506

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Drawn Desc	Image									

☐ 20. Document ID: US 6020303 A

L6: Entry 20 of 28

File: USPT

Feb 1, 2000

US-PAT-NO: 6020303

DOCUMENT-IDENTIFIER: US 6020303 A

TITLE: Mid-chain branched surfactants

DATE-ISSUED: February 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Cripe; Thomas Anthony	Loveland	OH			
Connor; Daniel Stedman	Cincinnati	OH			
Vinson; Phillip Kyle	Fairfield	OH			
Burckett-St. Laurent; James Charles Theophile Roger	Cincinnati	OH			
Willman; Kenneth William	Fairfield	OH			
Scheibel; Jeffrey John	Montgomery	OH			
Stidham; Robert Emerson	Lawrencburg	IN			
Dupont; Jeffrey Scott	Cincinnati	OH			

US-CL-CURRENT: 510/503; 510/235, 510/427, 510/492, 510/506

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☒ 21. Document ID: US 6008181 A

L6: Entry 21 of 28

File: USPT

Dec 28, 1999

US-PAT-NO: 6008181

DOCUMENT-IDENTIFIER: US 6008181 A

TITLE: Mid-Chain branched Alkoxylated Sulfate Surfactants

DATE-ISSUED: December 28, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Cripe; Thomas Anthony	Loveland	OH			
Connor; Daniel Stedman	Cincinnati	OH			
Vinson; Phillip Kyle	Fairfield	OH			
Burckett-St. Laurent; James Charles Theophile Roger	Cincinnati	OH			
Willman; Kenneth William	Fairfield	OH			

US-CL-CURRENT: 510/426; 510/424, 510/428, 510/506, 560/76, 568/458, 568/882

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☒ 22. Document ID: US 5990070 A

L6: Entry 22 of 28

File: USPT

Nov 23, 1999

US-PAT-NO: 5990070

DOCUMENT-IDENTIFIER: US 5990070 A

TITLE: System for delivering hydrophobic liquid bleach activators

DATE-ISSUED: November 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chapman; Benjamin Edgar	Cincinnati	OH		
Trinh; Toan	Mainesville	OH		

US-CL-CURRENT: 510/349; 252/186.38, 510/220, 510/312, 510/376

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☒ 23. Document ID: US 5905067 A

L6: Entry 23 of 28

File: USPT

May 18, 1999

US-PAT-NO: 5905067

DOCUMENT-IDENTIFIER: US 5905067 A

TITLE: System for delivering hydrophobic liquid bleach activators

DATE-ISSUED: May 18, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chapman; Benjamin Edgar	Cincinnati	OH		
Trinh; Toan	Mainesville	OH		

US-CL-CURRENT: 510/368; 252/186.38, 510/220, 510/268, 510/312, 510/349, 510/375, 510/395

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 24. Document ID: US 5653970 A

L6: Entry 24 of 28

File: USPT

Aug 5, 1997

US-PAT-NO: 5653970

DOCUMENT-IDENTIFIER: US 5653970 A

TITLE: Personal product compositions comprising heteroatom containing alkyl aldonamide compounds

DATE-ISSUED: August 5, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vermeer; Robert	Nutley	NJ		

US-CL-CURRENT: 424/70.24; 424/70.1, 510/126, 510/135, 514/847

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KMC

☐ 25. Document ID: US 5616546 A

L6: Entry 25 of 28

File: USPT

Apr 1, 1997

US-PAT-NO: 5616546

DOCUMENT-IDENTIFIER: US 5616546 A

TITLE: Automatic dishwashing compositions comprising multiperacid-forming bleach activators

DATE-ISSUED: April 1, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miracle; Gregory S.	Hamilton	OH		
Sivik; Mark R.	Fairfield	OH		

US-CL-CURRENT: 510/223, 510/224, 510/226, 510/230, 510/232, 510/372, 510/376, 510/378, 510/504, 558/265, 558/6, 558/9, 560/144, 560/145

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KMC

☐ 26. Document ID: US 5534180 A

L6: Entry 26 of 28

File: USPT

Jul 9, 1996

US-PAT-NO: 5534180

DOCUMENT-IDENTIFIER: US 5534180 A

TITLE: Automatic dishwashing compositions comprising multiperacid-forming bleach activators

DATE-ISSUED: July 9, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miracle; Gregory S.				
	Ross	OH	45061	
Sivik; Mark R.	Ross	OH	45061	

US-CL-CURRENT: 510/220, 252/186.38, 558/265, 558/6, 558/9, 560/144, 560/145

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KMC

☐ 27. Document ID: US 5531915 A

L6: Entry 27 of 28

File: USPT

Jul 2, 1996

US-PAT-NO: 5531915  
DOCUMENT-IDENTIFIER: US 5531915 A

TITLE: Detergent compositions containing ethylenediamine-N,N'-diglutamic acid or 2-hydroxypropylenediamine-N,N'-disuccinic acid

DATE-ISSUED: July 2, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Perkins; Christopher M.	Cincinnati	OH		

US-CL-CURRENT: 510/294; 134/42, 510/300, 510/306, 510/310, 510/318, 510/321, 510/337, 510/352, 510/361, 510/373, 510/434, 510/480

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 28. Document ID: US 5520835 A

L6: Entry 28 of 28

File: USPT

May 28, 1996

US-PAT-NO: 5520835  
DOCUMENT-IDENTIFIER: US 5520835 A

TITLE: Automatic dishwashing compositions comprising multiquaternary bleach activators

DATE-ISSUED: May 28, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sivik; Mark R.	Fairfield	OH		
Taylor; Lucille F.	Middletown	OH		
Burckett-St. Laurent; James C. T. R.	Cincinnati	OH		

US-CL-CURRENT: 510/220; 252/186.27, 252/186.38, 510/226, 510/228, 510/376, 510/504, 560/155

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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Term	Documents
ALKOXYLATE.DWPI,EPAB,JPAB,USPT,PGPB.	2407
ALKOXYLATES.DWPI,EPAB,JPAB,USPT,PGPB.	2431
(4 AND ALKOXYLATE).USPT,PGPB,JPAB,EPAB,DWPI.	28
(L4 AND ALKOXYLATE).USPT,PGPB,JPAB,EPAB,DWPI.	28

Term	Documents
SOLID.DWPI,EPAB,JPAB,USPT,PGPB.	1314351
SOLIDS.DWPI,EPAB,JPAB,USPT,PGPB.	251107
FATTY.DWPI,EPAB,JPAB,USPT,PGPB.	233356
FATTIES	0
FATTYS.DWPI,EPAB,JPAB,USPT,PGPB.	3
COMPOUND.DWPI,EPAB,JPAB,USPT,PGPB.	1246078
CPD.DWPI,EPAB,JPAB,USPT,PGPB.	377472
CPDS.DWPI,EPAB,JPAB,USPT,PGPB.	262293
COMPOUNDS.DWPI,EPAB,JPAB,USPT,PGPB.	1235334
(2 AND ((SOLID ADJ FATTY) ADJ COMPOUND)).USPT,PGPB,JPAB,EPAB,DWPI.	2
(L2 AND SOLID FATTY COMPOUND).USPT,PGPB,JPAB,EPAB,DWPI.	2

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Term	Documents
SOLID.DWPI,EPAB,JPAB,USPT,PGPB.	1314351
SOLIDS.DWPI,EPAB,JPAB,USPT,PGPB.	251107
FATTY.DWPI,EPAB,JPAB,USPT,PGPB.	233356
FATTIES	0
FATTYS.DWPI,EPAB,JPAB,USPT,PGPB.	3
COMPOUND.DWPI,EPAB,JPAB,USPT,PGPB.	1246078
CPD.DWPI,EPAB,JPAB,USPT,PGPB.	377472
CPDS.DWPI,EPAB,JPAB,USPT,PGPB.	262293
COMPOUNDS.DWPI,EPAB,JPAB,USPT,PGPB.	1235334
(2 AND ((SOLID ADJ FATTY) ADJ COMPOUND)).USPT,PGPB,JPAB,EPAB,DWPI.	2
(L2 AND SOLID FATTY COMPOUND).USPT,PGPB,JPAB,EPAB,DWPI.	2

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**WEST****Generate Collection****Print****Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: EP 1212038 A1 WO 200117502 A1 AU 9957047 A

L2: Entry 1 of 2

File: DWPI

Jun 12, 2002

DERWENT-ACC-NO: 2001-299866

DERWENT-WEEK: 200239

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TITLE: Hair care composition comprises polypropylene glycol, and gel matrix comprising cationic surfactant, solid fatty compound, and water

INVENTOR: FOONG, Y; FURUKAWA, F; YANG, J

PRIORITY-DATA: 1999WO-US20328 (September 3, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1212038 A1	June 12, 2002	E	000	A61K007/50
WO 200117502 A1	March 15, 2001	E	055	A61K007/50
AU 9957047 A	April 10, 2001		000	A61K007/50

INT-CL (IPC): A61 K 7/06; A61 K 7/50

ABSTRACTED-PUB-NO: WO 200117502A

## BASIC-ABSTRACT:

NOVELTY - A hair care composition comprising a polypropylene glycol, and a gel matrix comprising a cationic surfactant, a solid fatty compound and water is new.

DETAILED DESCRIPTION - A hair care composition comprising a polypropylene glycol, and a gel matrix comprising a cationic surfactant, a solid fatty compound and water is new. The polypropylene glycol can be a single-polypropylene glycol-chain segment polymer HO-(C<sub>3</sub>H<sub>6</sub>O)<sub>a</sub>H (I), and/or a multipolypropylene glycol-chain segment polymer of formula (III).

a = 20-100;

n = 0-10;

R = H or 1-30C alkyl;

b, c, d = 0-2;

b+c+d = at least 2;

e = 0-1;

x, y, z = 7-100;

x+y+z = greater than 20

USE - As hair cosmetic composition, hair styling compositions, and hair styling compositions, preferably as leave-on and/or rinse-off hair conditioning.

ADVANTAGE - The composition provides significant consumer benefits, such as improved look and feel for hair, and reduced fly away volume. It is also inexpensive to

formulate, easily biodegradable, and possesses non-oily feel.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
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☐ 2. Document ID: EP 1212027 A1 WO 200117491 A1 AU 9957046 A

L2: Entry 2 of 2

File: DWPI

Jun 12, 2002

DERWENT-ACC-NO: 2001-257748

DERWENT-WEEK: 200239

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TITLE: Hair care composition useful as e.g. hair styling composition, includes polypropylene glycol, ester oil and gel matrix

INVENTOR: VENKATESWARAN, A; YANG, J

PRIORITY-DATA: 1999WO-US20327 (September 3, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1212027 A1	June 12, 2002	E	000	A61K007/06
WO 200117491 A1	March 15, 2001	E	059	A61K007/06
AU 9957046 A	April 10, 2001		000	A61K007/06

INT-CL (IPC): A61 K 7/06

ABSTRACTED-PUB-NO: WO 200117491A

BASIC-ABSTRACT:

NOVELTY - A hair care composition comprises a polypropylene glycol with a weight average molecular weight of 200-100000 g/mol, an ester oil with a hydrophilic lipophilic balance (HLB) value of less than 4 and a gel matrix comprising cationic surfactant, a solid fatty compound, and water.

DETAILED DESCRIPTION - A hair care composition comprises a polypropylene glycol with a weight average molecular weight of 200-100000 g/mol, an ester oil of formula R1COOR1 with an HLB value of less than 4 and a gel matrix comprising cationic surfactant, solid fatty compound, and water.

R1 = 1-22C alkyl.

USE - Useful as hair cosmetic composition, hair styling composition, and leave-on and/or rinsed-off hair conditioning composition.

ADVANTAGE - The invention reduces total hair volume, bulk hair volume, and flyaway hair volume. It provides smoother, softer, more silky, and more lustrous hair, and is inexpensive to formulate. It is easily biodegradable and possesses a non-oily feel.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
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Term	Documents
POLYPROPYLENE.DWPI,EPAB,JPAB,USPT,PGPB.	265789
POLYPROPYLENES.DWPI,EPAB,JPAB,USPT,PGPB.	7399
GLYCOL.DWPI,EPAB,JPAB,USPT,PGPB.	341201
GLYCOLS.DWPI,EPAB,JPAB,USPT,PGPB.	80588
(1 ADJ POLYPROPYLENE ADJ GLYCOL).USPT,PGPB,JPAB,EPAB,DWPI.	2
(L1 POLYPROPYLENE GLYCOL).USPT,PGPB,JPAB,EPAB,DWPI.	2

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